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Jameco Part Number 208522

Secure USB Drive
User Manual

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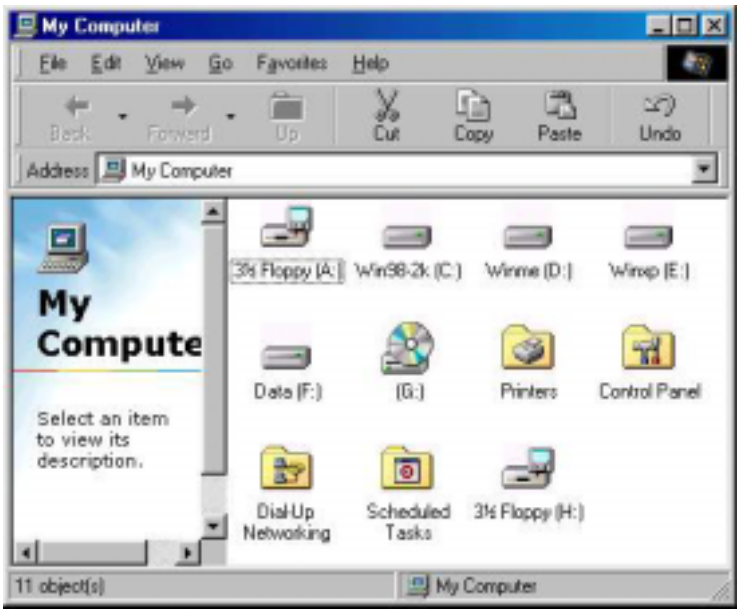
About Secure USB Drive

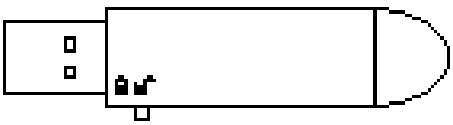
Secure your personal data with Secure USB Drive. Secure USB Drive has some new features. Unlike USB Drive, the Secure USB Drive has been partitioned into two partitions, for which one of the partition is 1.44MB, same as a floppy drive; and depends on the flash memory, the rest of the capacity is allocated for normal use. (Show Below)

Two Positions

(1) **FDD (Floppy Disk) state**. Push the switch towards the USB connector.



(2) **HDD (Hard Drive) state.** Push the switch back, away from the USB connector.



New Features

1. Allows user to set own password. (max 16 characters)
2. Allows user to enter “Password Hint”, in case user forgot about their password
3. Bootable feature – format with system file and motherboard must support USB-FDD as a boot up device, you can boot up the system with USB Drive in FDD state.
4. Bootable feature – format with system file and motherboard must support USB-ZIP as a boot up device, you can boot up the system with USB Drive in HDD state. (motherboard dependent)
5. Automatically format the HDD part of the Secure USB Drive when enter wrong password 6 times.

IMPORTANT

1. When using Secure USB Drive with the security application program, only **ONE** Secure USB Drive is allow at once.
   DO NOT PLUG IN TWO OR MORE SECURE USB DRIVE AT THE SAME TIME.

2. Since Windows 2000 only can support ONE removable disk drive, therefore please follow the following procedure when using Secure USB Drive in Windows 2000 environment.

   (i) Switch to HDD mode first
   (ii)Plug in the Secure USB Drive into USB port (wait till Windows recognized the driver)
   (iii)Remove Secure USB Drive from USB port
   (iv)Switch to FDD mode
   (v) Re-insert to USB port
   (vi)Copy the security application program (pass.exe) to desktop
   (vii)Remove Secure USB Drive from USB port
   (viii)Switch back to HDD mode
   (ix)Reinsert Secure USB Drive to USB port
   (x)Access the security program from desktop and use Secure USB Drive normally

You only have to do step (i) ~ step (viii) once.

Main Screen

A Set up / Change password

B Disable / Remove password

C Unlock Device

D Password Exist Status – tells you whether a password has been set up or not

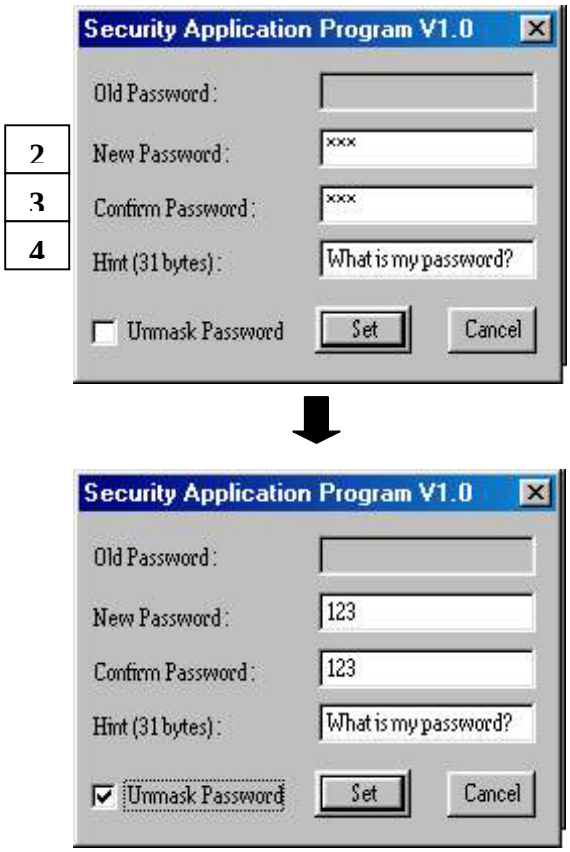
E Device Lock Status – tells you whether the device is locked or not

F Forgot Password ? – don't worry, let password hint remind you

Apparatus A – Setup Password

(1) Press “Set Password” to setup password, you will see the following screen

(2) Enter a password of your choice. (maximum 16 characters long)
(3) Confirm password by re-enter the password you set in (2).
(4) Enter a hint of your own, in case you forget your password. You can enter anything you want within 31 characters.



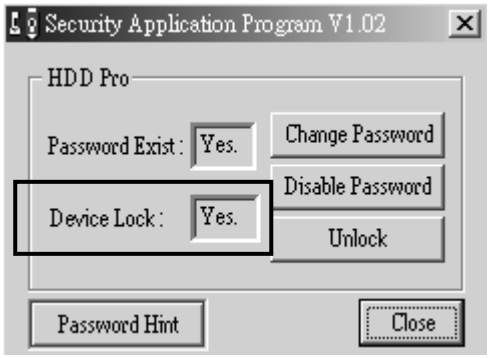
PS: Tick “Unmask Password” box to see what you have entered.

(5) Press “Set” to confirm changes. You will see the following message window pop up.
This message window tells you, that the device will be automatically locked after you remove the device from USB port.

(6) Once you have set up the password correctly, you will notice the change in “Password Exist” Status.

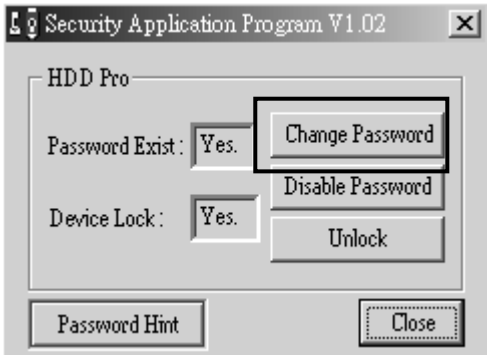
NOTE： When you remove the device from USB port and re-insert it again, the device will automatically be locked. If you try to access it, it will reply with some error message. (depending on the operating system, the error message will be different)

If you execute the Security AP, you will see that the device is LOCKED.



Apparatus A – Change Password

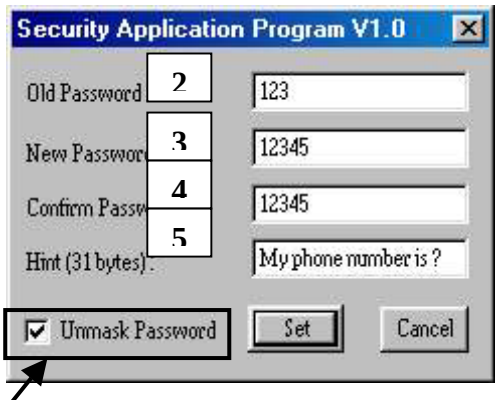
(1) If you have already setup a password before, you can change the password you set.Click “Change Password” to change.



(2) Enter your old password
(3) Enter new password of your choice
(4) Confirm the new password by re-enter
(5) Change password hint if you wish.

PS:(i) Password Hint does not have to enter/change, if you don’t want to use it or you want to use the old hint.

(ii) Password Hint can only be edit with new password. ie : Password Hint can not be edit/change without change of password.

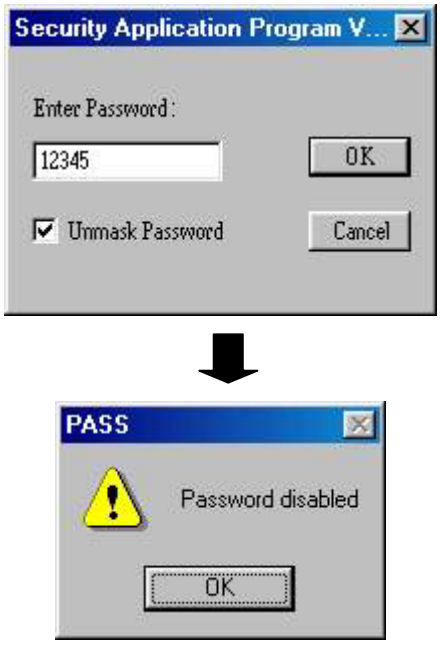


(iii)Use “Unmask Password” to see what you have typed.

Apparatus B – Disable / Remove Password

(1) If you no longer want to use the password, select “Disable Password” to remove it.

(2) Enter your password.



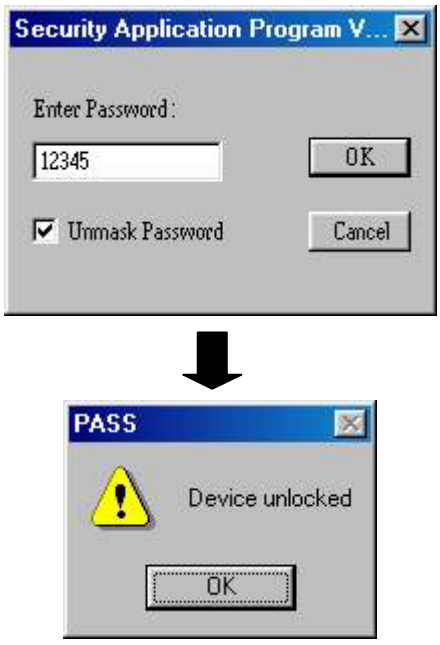
You only have SIX chances to enter password correctly. If you enter wrong password six times, it will automatically FORMAT your HDD part of your USB Drive. (All data will be lost)

Apparatus C – Unlock Device

(1) If you have setup a password, before you can access the HDD part of the USB Drive, you must “Unlock” first. (enter password) Select “Unlock” to enter password.

You only have SIX chances to enter password correctly. If you enter wrong password six times, it will automatically FORMAT your HDD part of your USB Drive. (All data will be lost)

(2) Enter your password.



Apparatus F – Password Hint

As a human being, we all forget things from time to time. So when you setup/change your password, you can also edit a "Reminder" of your choice, in case you forget your password.

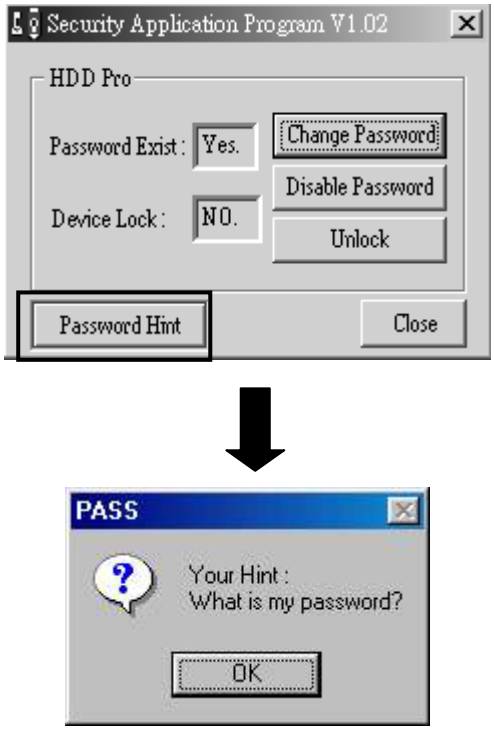
(1) Enter a hint of your choice. (maximum 31 characters long)
You can edit the hint only when you

Setup Password

OR

Change Password

(2) Press “Password Hint” any time to get your reminder.



USB Hard Drive Disk
User's Manual

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1.1 ***The USB Drive***

If you want to transfer data from one computer to another, what do you do? Do you take one or more boxes of floppy disk with you or do you take your hard drive with you? You may send e-mail, but it takes a lot of time to download if you have a large amount of data.

Now, here is a solution, the ***USB Drive***. Accessing and transporting data has never been easier with the USB Drive. The USB Drive is a removable hard disk drive with USB connection and can support up to 512MB disk space, which is 355x of a 1.44MB floppy disk. The USB Drive is a plug and play device, simply plug into any USB port and the computer will automatically detect it as a removable disk drive. Now you can read, write, copy, delete and move data from your hard disk drive to the USB Drive or from the USB Drive to your hard disk drive. You can even play MP3 files, run applications or view videos directly from the USB Drive.

The USB Drive also supports flash ROM (EEPROM) for ***ISP (In-System Programming)***. Which you can change / update the system firmware ***anytime*** and ***anywhere*** through USB port. For security demand, you can use the USB Drive as a key to valuable information on your hard disk drive. Without the *key* (which is the USB Drive), the data is not accessible.

The USB Drive is so compact that you can carry it with you anywhere and hardly notice its existence. It also comes in various storage capacities of 8MB, 16MB, 32MB, 64MB, 128MB, 256MB and 512MB. Now, you don't have to carry a laptop computer with you to work, if you have access to a computer. The USB Drive does not require any battery, it does not need any software or cable and it is compatible with IBM PC / compatible desktop and laptop computers with USB port.

No more carrying around work in a laptop computer and no more floppy disks are required. USB Drive is your solution; USB Drive is the future. Thank you for choosing USB Drive – The Future Mobile Storage Device.

1.2 *Features*

- Support flash ROM (EEPROM) for ISP (in-system programming) through USB port. It can update the system firmware anywhere and anytime for the security demand.
- Support Toshiba & Fujitsu & Samsung NAND flash memory 32Mbit, 64Mbit, 128Mbit, 256Mbit, 512Mbit and 1Gbit.
- Support USB specification reversion 1.1
- Transferring rate up to 12Mbit per second at “Full Speed”.
- Support power saving mode to reduce the power consumption while using USB Drive in any mobile devices.
- Support Windows Windows 98 / Windows 98 Second Edition with device driver.
- Support Windows ME / Windows 2000 / Mac 8.6 or above / Linux 2.4.0 or above, without any device driver.
- Driver available for Linux Redhat 7 & SuSe 7.1
  (please note FAQ question1)
- LED indicator when the USB Drive is in use.
- Write / delete protection switch.
- Hot Plug & Play. Enable you to install USB Drive anytime.
- Durable solid-state storage – 10 years data retention.
- No external power is required. Powered by USB bus (4.5V ~ 5.5V).
- Power consumption: Write 39.1mA ~ 39.4mA Read 35.0mA ~ 36.1mA
- 1 year warranty
- Dimension approximate 77mm x 25mm x 9mm (L x W x H)

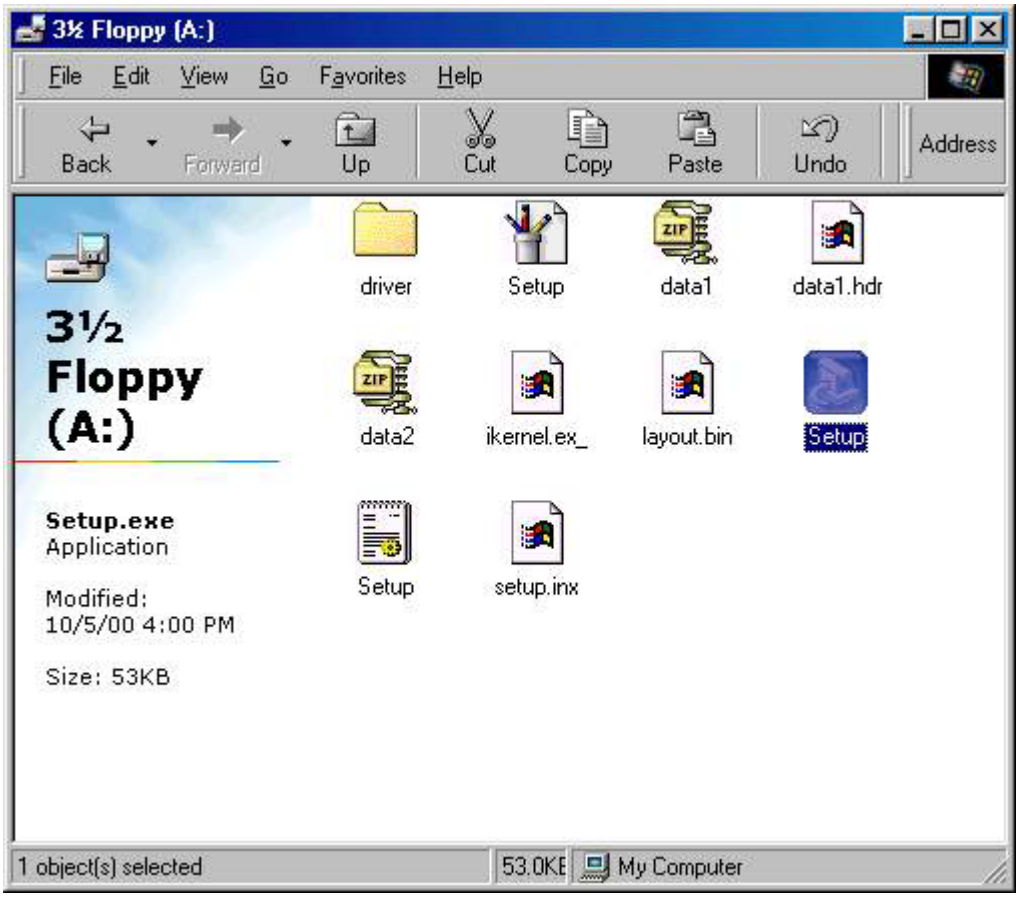
Weight	20g approximate
Erase Cycles	1,000,000 times
Data retention time	10 years
Read transfer	> 750KB/second
Write transfer	> 450KB/second
Acoustic noise	0 dB (at one meter)
Shock resistance	1000 G (maximum)
Altitude	80,000 feet (relative to sea level)

- CE and FCC certificate of approval.

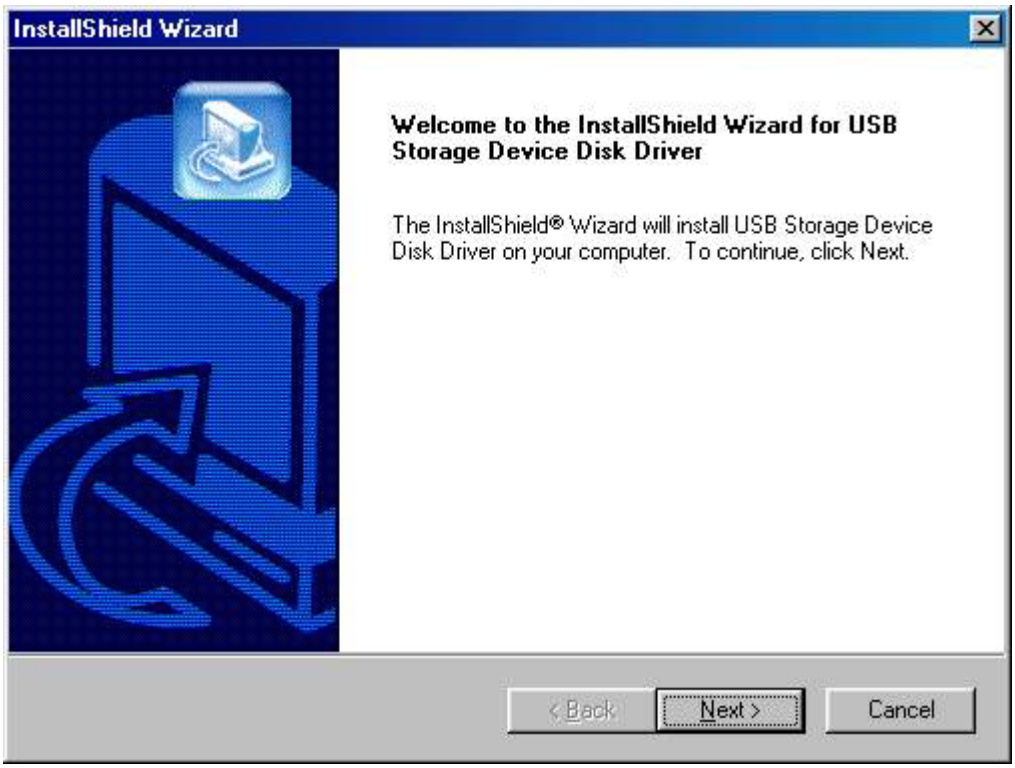
2.1 ***Windows 98 / Windows 98 SE Installation***

(1) Go to floppy disk drive in My Computer.

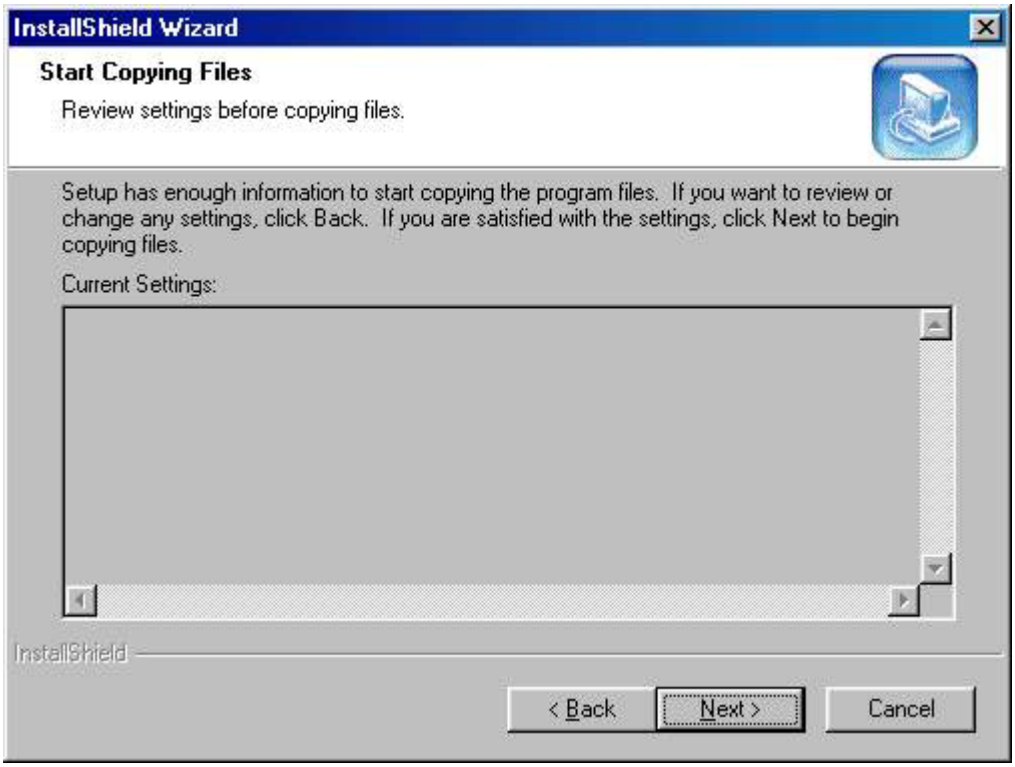
(2) Execute “Setup.exe” by double click on the icon.



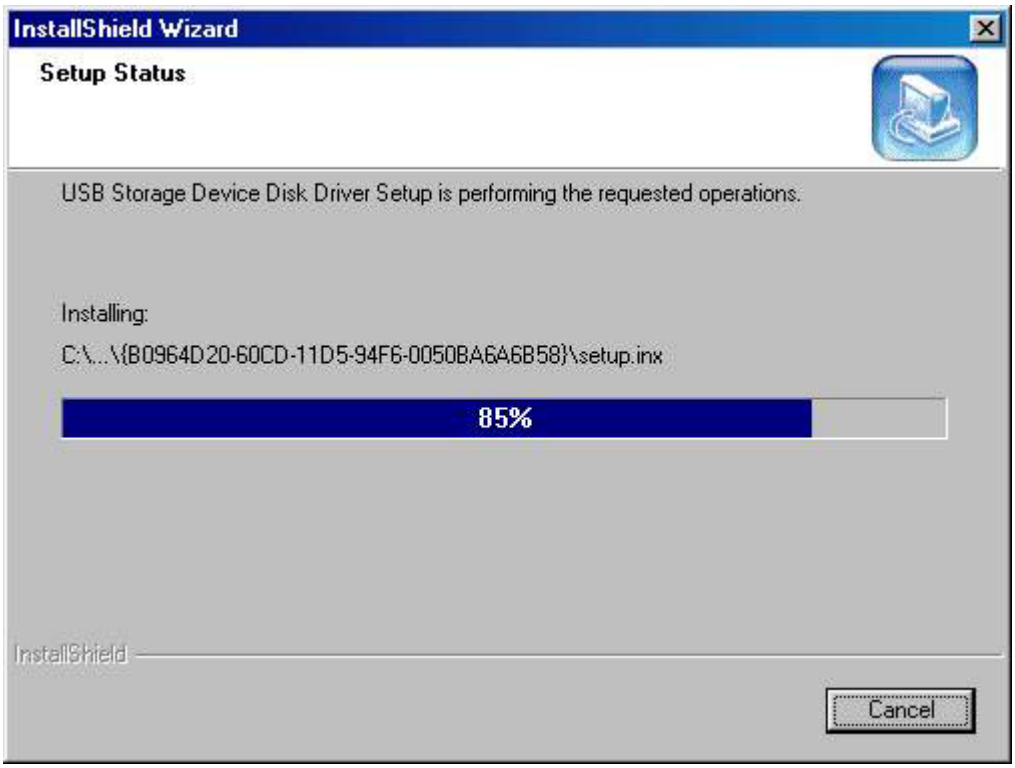
(3) Click “Next”.


InstallShield Wizard
Welcome to the InstallShield Wizard for USB Storage Device Disk Driver
The InstallShield® Wizard will install USB Storage Device Disk Driver on your computer. To continue, click Next.
< Back
Next >
Cancel

(4) Click “Next” again.


InstallShield Wizard
Start Copying Files
Review settings before copying files.
Setup has enough information to start copying the program files. If you want to review or change any settings, click Back. If you are satisfied with the settings, click Next to begin copying files.
Current Settings:
InstallShield
< Back
Next >
Cancel

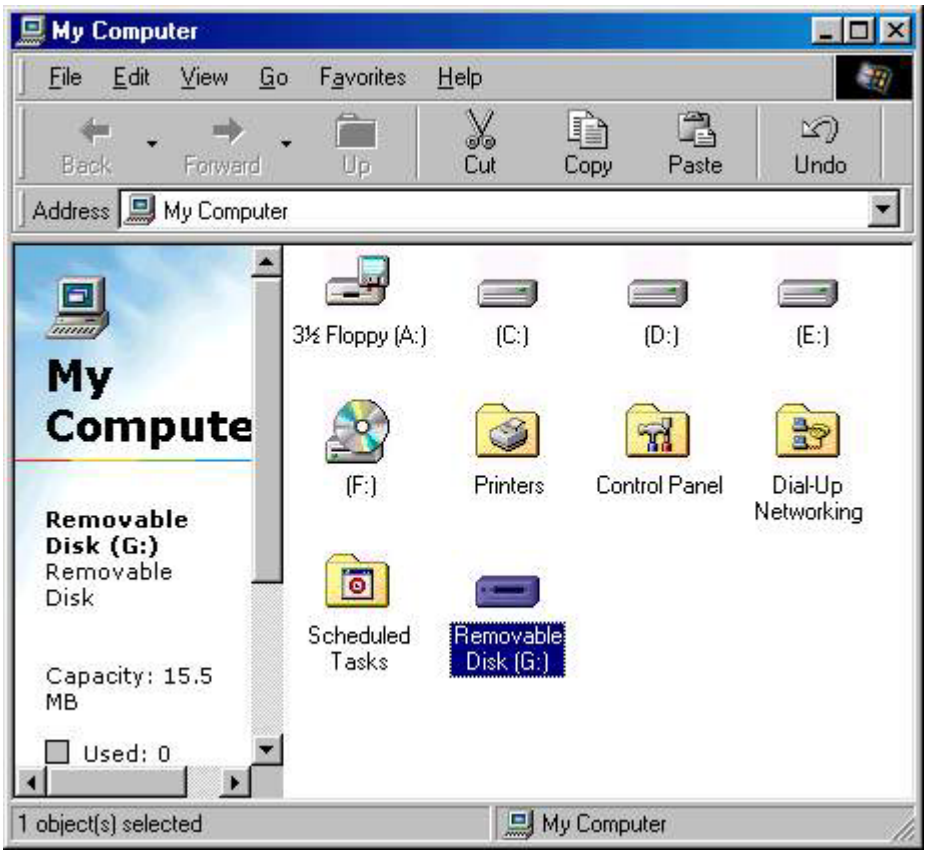
(5) Computer will install all the necessary files into your Windows operating system.



(6) Click “OK” to restart.

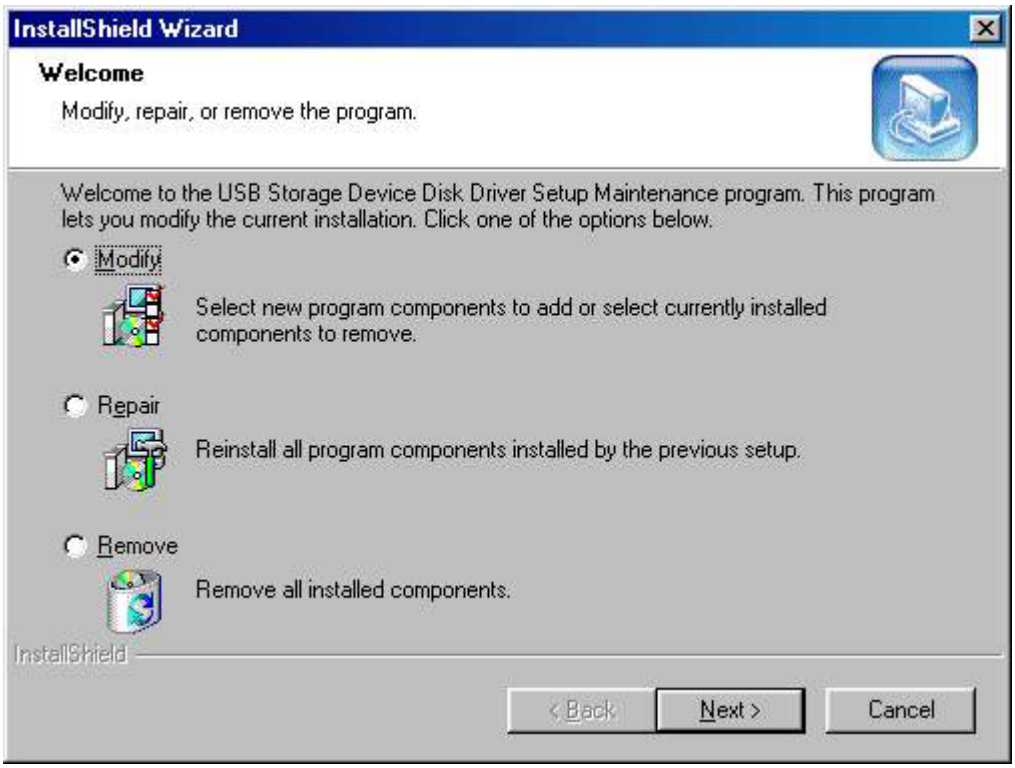
Restarting Windows
Setup has finished copying files to your computer. Before you can use the program, you must restart your computer.
Choose one of the following options and click OK to finish setup.
Yes, I want to restart my computer now.
No, I will restart my computer later.
OK

(7) After restart. Insert the USB Drive to the USB port on your computer/laptop.
It will automatically find the new hardware.
If setup is correctly carried out, you should find a “Removable Disk” shown in My Computer.



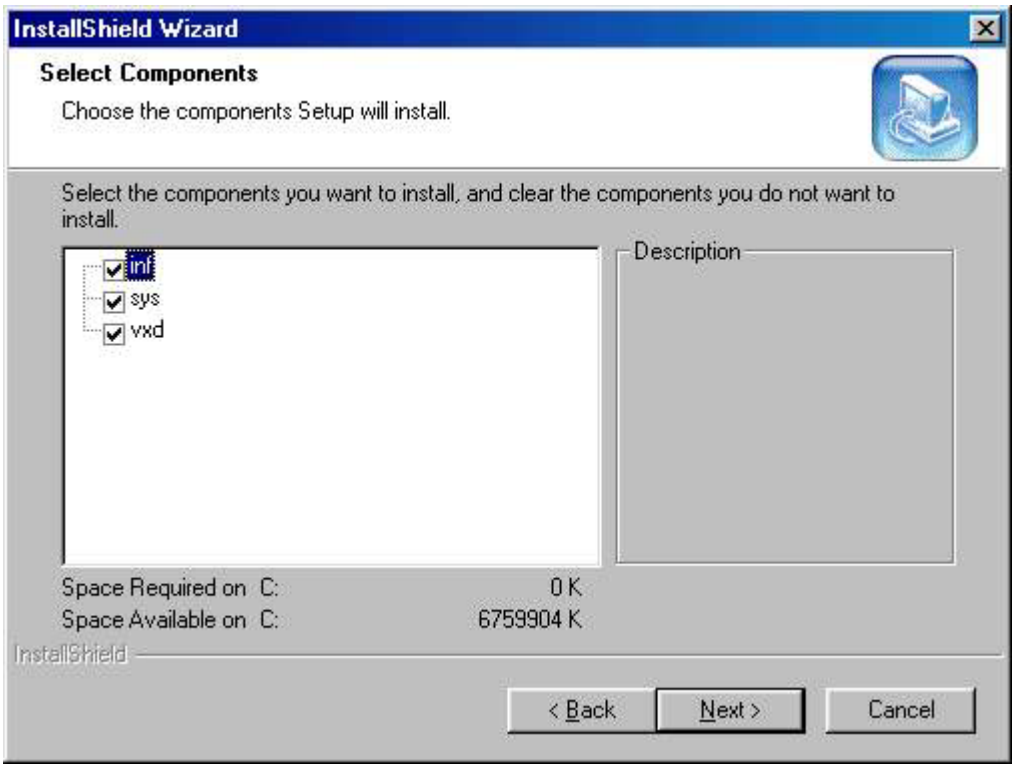
2.2 ***Modify driver for Win 98 / Win 98 SE***

(1) If you have installed the driver once before. When execute the “Setup.exe” file again, you will see the following screen.

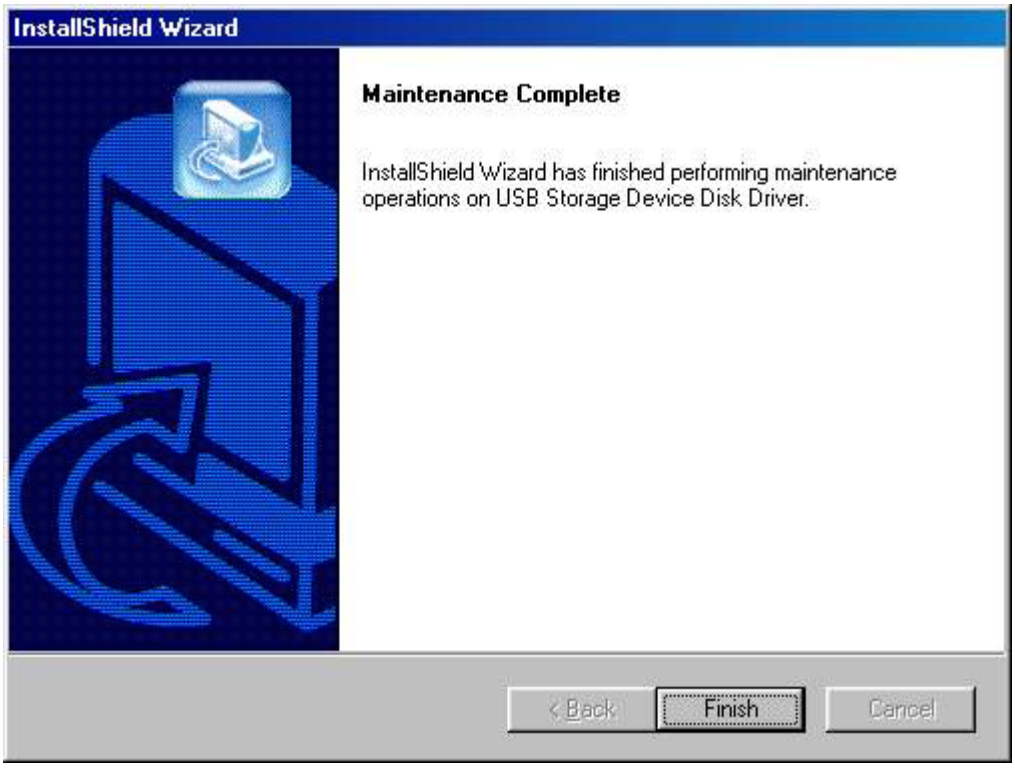

InstallShield Wizard
Welcome
Modify, repair, or remove the program.
Welcome to the USB Storage Device Disk Driver Setup Maintenance program. This program lets you modify the current installation. Click one of the options below.
Modify
Select new program components to add or select currently installed components to remove.
Repair
Reinstall all program components installed by the previous setup.
Remove
Remove all installed components.
InstallShield
< Back
Next >
Cancel

Select “Modify” and then click “Next”.

(2) Select all files and click “Next”.

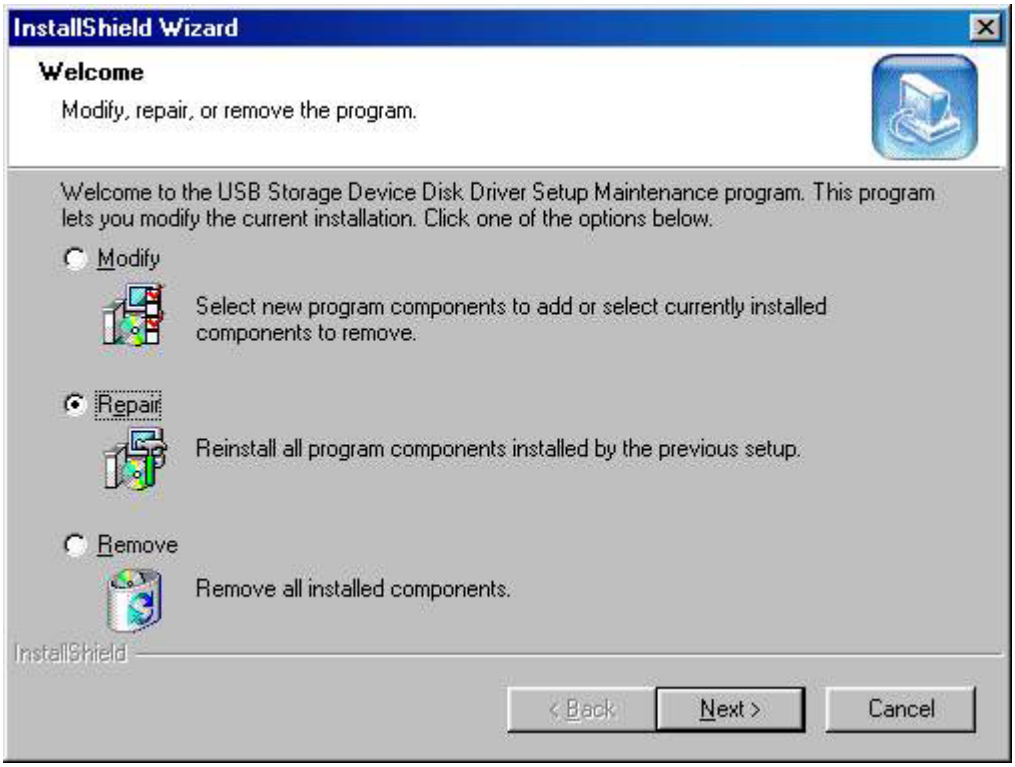


(3) Click “Finish” to complete modification.

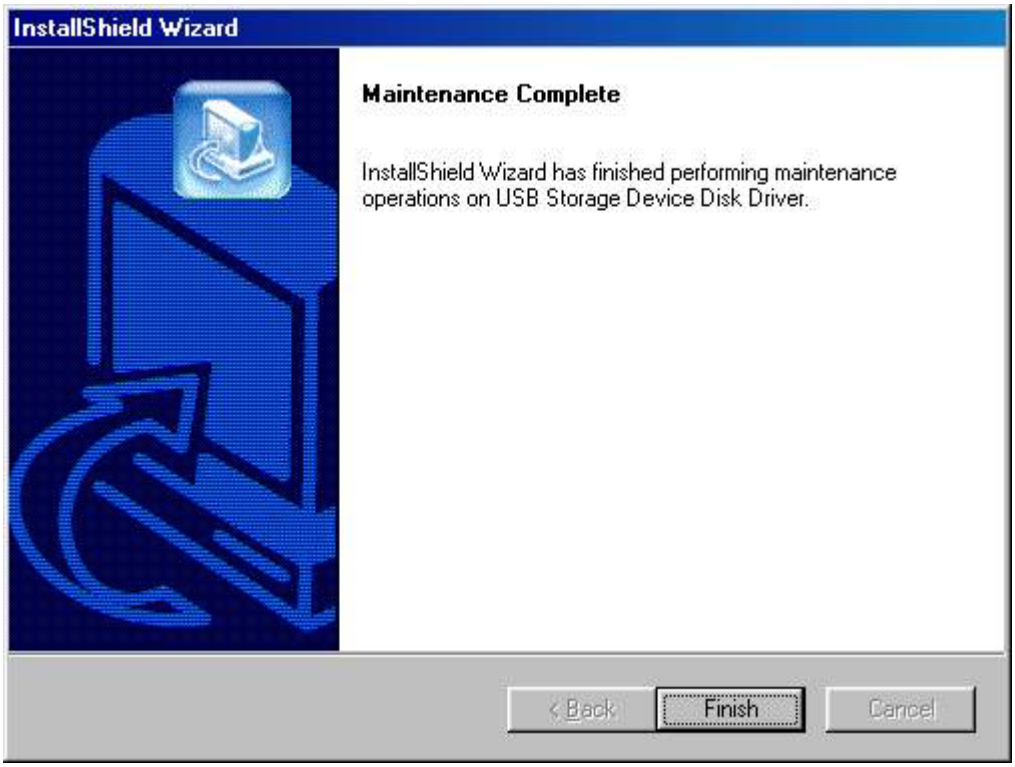


2.3 ***Repair driver for Win 98 / Win 98 SE***

(1) Again. Once you have installed the driver, when “Setup.exe” is executed for the second time, you will see the following screen. If somehow the driver is wrong or damaged, select “Repair” and click “Next”.

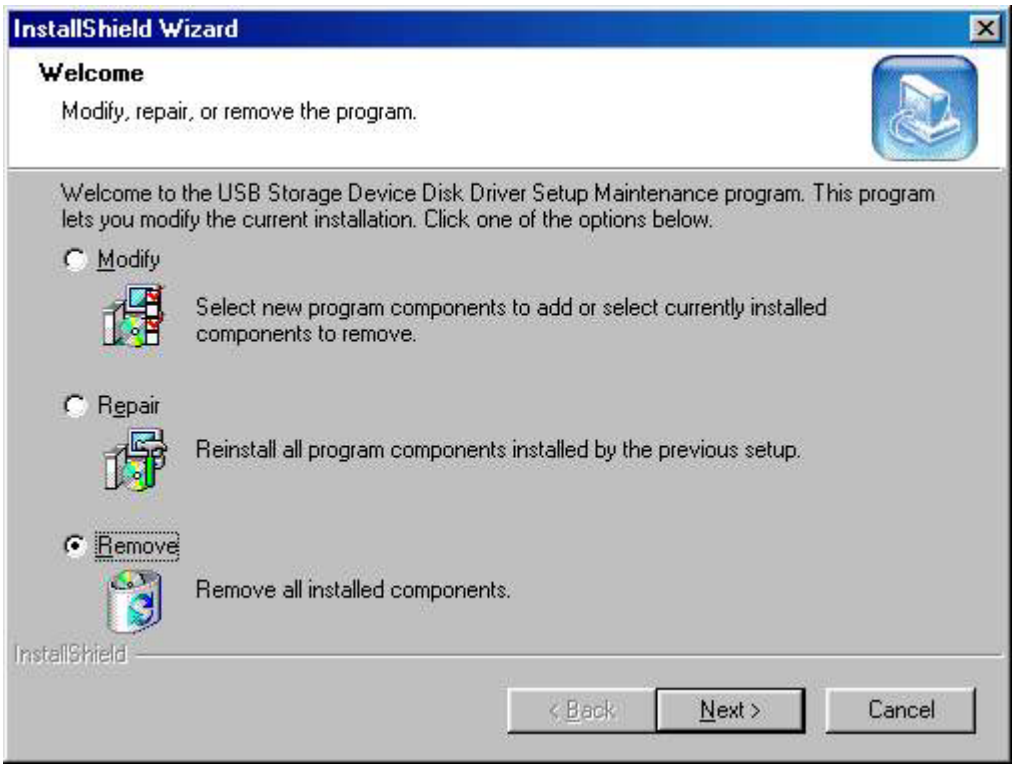

InstallShield Wizard
Welcome
Modify, repair, or remove the program.
Welcome to the USB Storage Device Disk Driver Setup Maintenance program. This program lets you modify the current installation. Click one of the options below.
Modify
Select new program components to add or select currently installed components to remove.
Repair
Reinstall all program components installed by the previous setup.
Remove
Remove all installed components.
InstallShield
< Back
Next >
Cancel

(2) Click “Finish” and the damaged driver files will be “Repaired”.



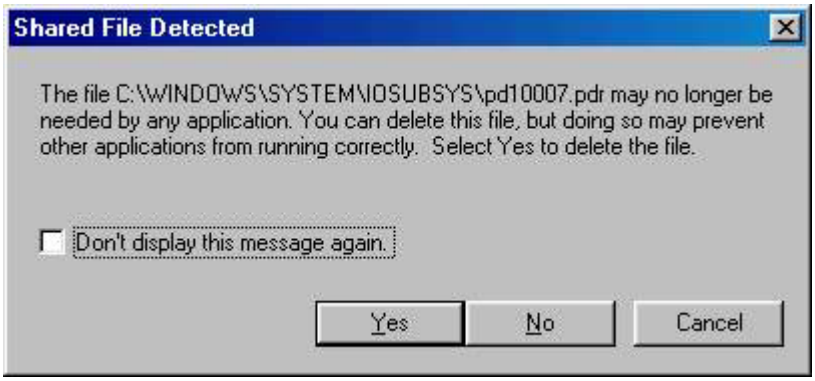
2.4 ***Remove driver from Win 98 / Win 98 SE***

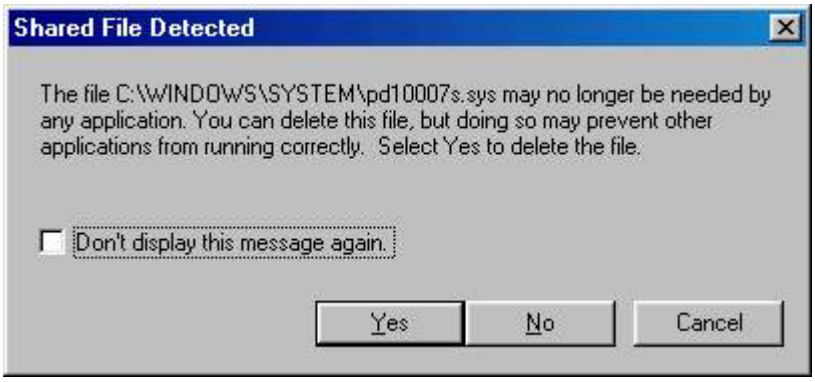
(1) To remove driver from operating system. Execute the “Setup.exe” file from floppy again. Select “Remove” and click “Next”.


InstallShield Wizard
Welcome
Modify, repair, or remove the program.
Welcome to the USB Storage Device Disk Driver Setup Maintenance program. This program lets you modify the current installation. Click one of the options below.
Modify
Select new program components to add or select currently installed components to remove.
Repair
Reinstall all program components installed by the previous setup.
Remove
Remove all installed components.
InstallShield
< Back
Next >
Cancel

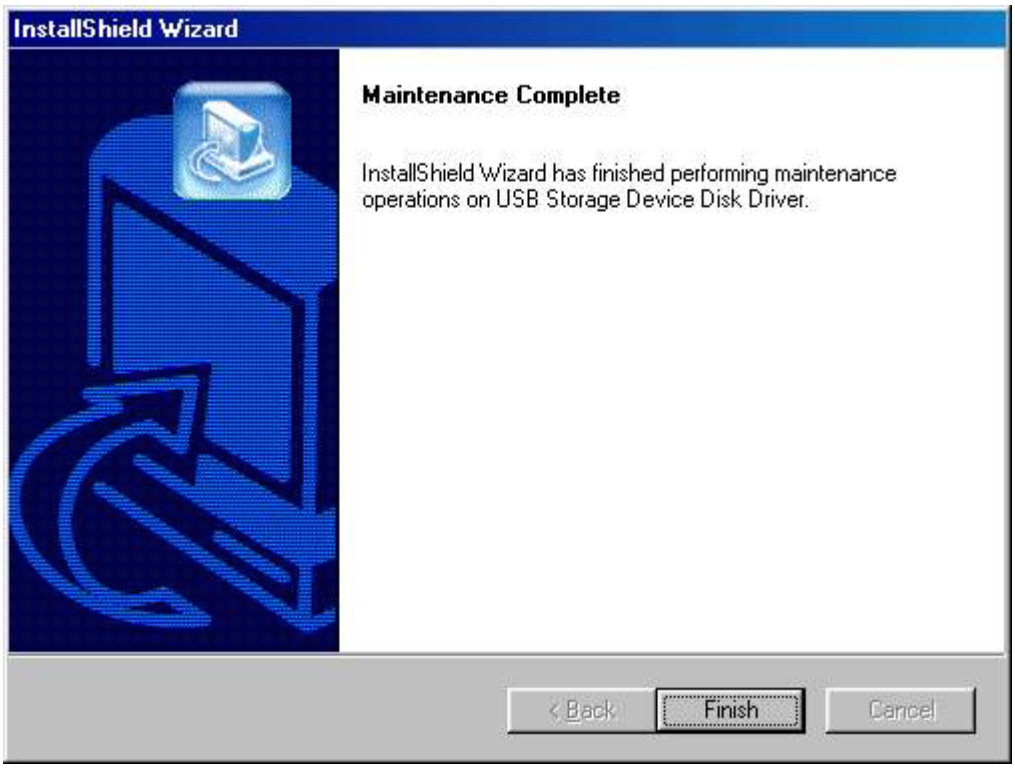
(2) System will then ask you to confirm deletion. Click “OK”.

(3) This screen may or may not appear. It just double confirm the files for deletion. Just click “Yes”.


Shared File Detected
The file C:\WINDOWS\SYSTEM\IOSUBSYS\pd10007.pdr may no longer be needed by any application. You can delete this file, but doing so may prevent other applications from running correctly. Select Yes to delete the file.
Don't display this message again.
Yes
No
Cancel


Shared File Detected
The file C:\WINDOWS\SYSTEM\pd10007s.sys may no longer be needed by any application. You can delete this file, but doing so may prevent other applications from running correctly. Select Yes to delete the file.
Don't display this message again.
Yes
No
Cancel

(4) Click “Finish” to complete the process of removing device driver from system.



2.5 ***Windows ME / Windows 2000 Installation***

For these two operating systems, ***NO Driver is needed***, because Windows has built-in driver to support USB Drive. Simply plug the USB Drive into the USB port and it will be recognised by the system. System will setup USB Drive automatically without any future installation of driver.

Once installation is completed**,** you will see a "Removable Disk" drive in My Computer.

2.6 ***Linux 2.4.0 + / Mac 8.6 + Installation***

Again, ***No Driver is required*** for these two operating systems. Simply plug the USB Drive into the USB port and the system will automatically find the USB Drive.

3. ***IMPORTANT NOTICES***

(i) If you plug the USB Drive into the USB port. System can find the USB Drive, but you are unable to access USB Drive. Please ***FORMAT*** the USB Drive.

(ii) Before unplugging the USB Drive from the USB port in **Windows 2000**, make sure you go to the right hand bottom of the screen to stop the USB device. Otherwise, it may result in losing data that you have saved on the USB Drive.